Database Schema

First I used the USE query to define the which database to create these database in.

The tables which I have created are as follows;

- Inventory
- Cart
- Customer
- Vendor
- Product
- cold stores
- payment

The command used to create these tables is **CREATE TABLE.**

Integrity Constraints

The attributes which can not be NULL are as follows;

- Inventory_id
- Customer_id
- Payment_id
- ID
- product_id

The reason behind this is ,because all of these values are unique and we need some form of identification to identify there uniqueness.

The commands used to declare the foreign keys is FOREGIN KEY(‘key name’) References ‘table’(‘key name’)

Like in customer entity cart_id is a foreign key so the syntax for this is;
FOREGIN KEY(‘cart_id’) References ‘cart’(‘cart_id’)
Similarly using the above syntax every foreign key is declared in the code

Data Insertion

The data generated is more less same as the real world scenarios .
To maintain the data consistency the data types and size of attributes have been set in such a way that they are still meaningful and easy to use and understand with each SQL Table created having 100s of rows with different values.